STASEVSKIY, P.I.

Cleaning dewatering screens during operation. Sakh. prom. 32 no. 7:26-27 Jy '58. (MIRA 11:8)

1. Kiyevskiy sakhsveklotrest.
(Sugar industry--Equipment and supply)

STASEVSKIY, P.I.

Steam feed line to centrifugal beet slicers. Sakh. prom. 32 no.8:54-56 Ag '58. (MIRA 11:9)

1.Kiyevskiy sakhsveklotrest.
(Sugar industry--Equipment and supplies)

OASHKOVSKIY, F.M.; BONDARENKO, V.A.; STASEVSKIY, P.I.

Manufacture of filtration kieselguhr in the Ukraine. Sakh. prom. 35 no. 5:11-15 My '61. (MIRA 14:5)

1. Ukrgiprosakhar.

(Ukraine—Kieselguhr)

GRITSENKO, Ye.M.; GRIZODUBOV, N.I.; MIL'KOVA, Z.A.; TYAZHELOVA, G.F.; STASEYEV, G.I.

Problem deserving attention. Sakh. prom. 37 no.10:28-33 O '63. (MIRA 16:12)

1. Ramonskaya gruppovaya laboratoriya (for Gritsenko, Grizodubov).
2. Voronezhskiy tekhnologicheskiy institut (for Mil'kova).
3. Ramonskiy sakharnyy zavod (for Tyazhelova, Staseyev).

STASEYEV, O.I.; TYAZHELOVA, G.F.

Boiler scale removal by boiling with sodium and lime. Sakh. prom. 33 no.10:33-34 O '59. (MIRA 13:3)

1. Ramonskiy sakharnyy zavod.
(Boilers--Incrustations)
(Sugar industry--Equipment and supplies)

L 04070-67 EWT(1) GW/GD

ACC NR: AT6025116 (N) SOURCE CODE: UR/0000/65/000/000/0154/0164

41
B+1

AUTHOR: Rybakov, V. I.; Nikolayenko, A. G.; Staseyev, Yu. P.

ORG: none

TITLE: Use of motion-picture methods to investigate hydrodynamic processes

SOURCE: AN SSSR. Okeanograficheskaya komissiya. Sektsiya podvodnykh issledovaniy. Razvitiye morskikh podvodnykh issledovaniy (Development of underwater marine research) Moscow, Izd-vo Nauka, 1965, 154-164

TOPIC TAGS: cinematography, hydrodynamics, stereoscopic photography, underwater photography

ABSTRACT: This article examines certain principles of conducting underwater motion-picture filming of rapidly moving objects both in fluids and at the intersection of the air-fluid interface. A stereophotogrammetric cinematographic method is devised for visualizing water flows in transmitted and in combined light for studying cavitation flows. The method indicated in the article for determining the power of the light source with consideration of absorption, scattering, and travel rate of the object permits obtaining qualitative and quantitative data. Photography in media with different optical densities permits obtaining the characteristics of the

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L 04070-67
ACC NR: AT6025116

motion of a body with an accuracy up to 5%. Application of stereophotogrammetric motion-picture filming in hydrodynamic investigations showed the advantages of the method, the need for its further development, and its introduction into scientific research. Orig. art. has: 10 figures.

SUB CODE: 14,20/ SUBM DATE: 06Dec65/ ORIG REF: 002

KH

Card 2/2

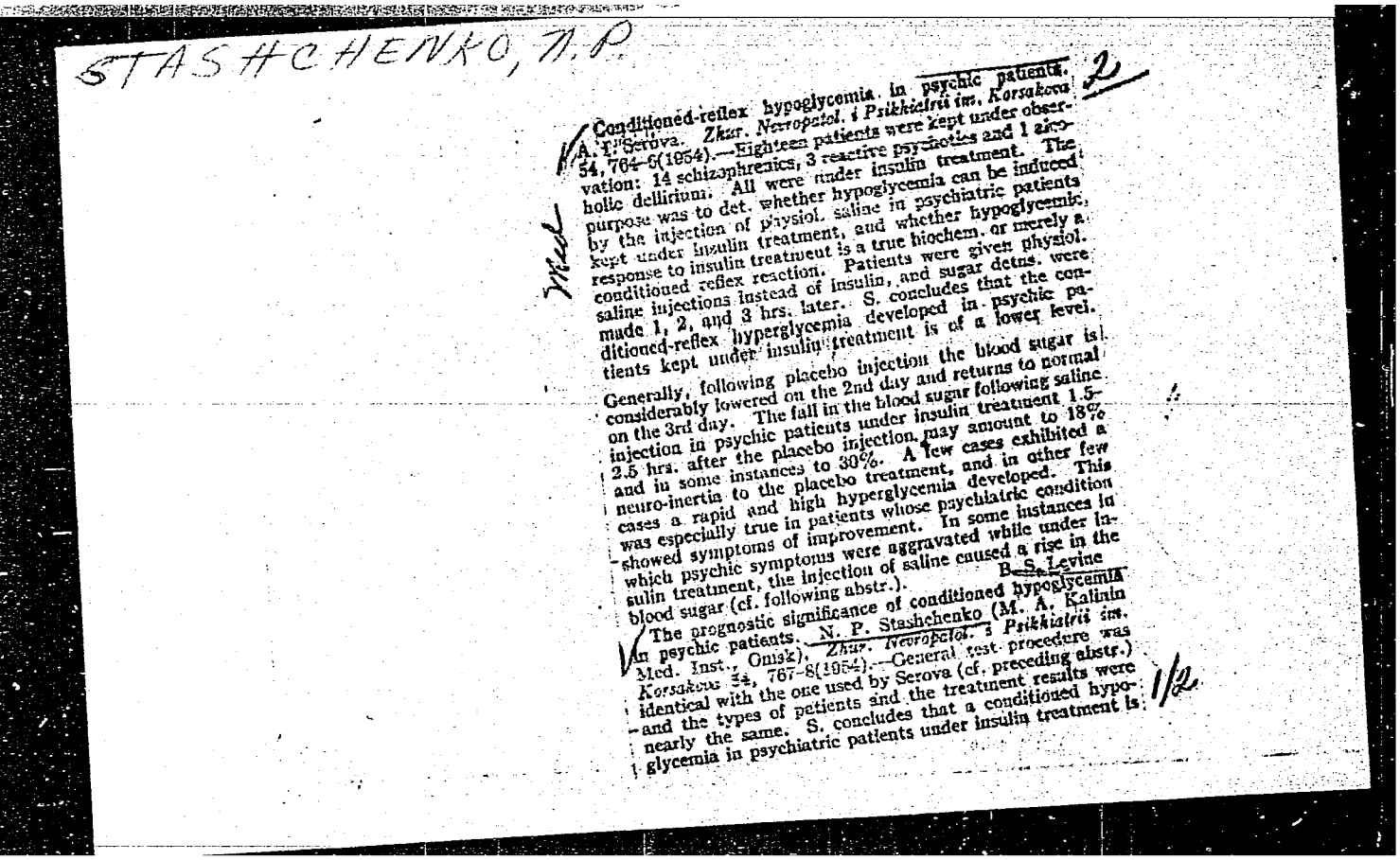
STASHAUSKAYTE, S. A.

Dissertation: "Dynamics of Vitamin C in the Buds, Leaves, and Fruit of Some Fruit Trees." Cand Biol Sci, Inst of Biology, Acad Sci Lithuanian SSR, Vil'nyus, 1953. (Referativnyy Zhurnal--Khimiya, Moscow, No 11, Jun 54)

SO: SUM 318, 23 Dec 1954

STASHAYTIS, Yu.N. [Stasaitis, J.]

Nesting of dunlin and common gull in Lithuania. Ornitologiia no.7:489 '65. (MIRA 18:10)



STASHCHENKO, N. P.

Conditioned-reflex hypoglycemia in psychic patients. A. P. Serova. *Zhur. Nevropatol. i Psikhiatrii im. Korsakova* 54, 764–6(1954).—Eighteen patients were kept under observation: 14 schizophrenics, 3 reactive psychotics and 1 alcoholic delirium. All were under insulin treatment. The purpose was to det. whether hypoglycemia can be induced by the injection of physiol. saline in psychiatric patients kept under insulin treatment, and whether hypoglycemic response to insulin treatment is a true biochem. or merely a conditioned reflex reaction. Patients were given physiol. saline injections instead of insulin, and sugar detns. were made 1, 2, and 3 hrs. later. S. concludes that the conditioned-reflex hyperglycemia developed in psychic patients kept under insulin treatment is of a lower level. Generally, following placebo injection the blood sugar is considerably lowered on the 2nd day and returns to normal on the 3rd day. The fall in the blood sugar following saline injection in psychic patients under insulin treatment 1.5–2.5 hrs. after the placebo injection may amount to 18% and in some instances to 30%. A few cases exhibited a neuro-inertia to the placebo treatment, and in other few cases a rapid and high hyperglycemia developed. This was especially true in patients whose psychiatric condition showed symptoms of improvement. In some instances in which psychic symptoms were aggravated while under insulin treatment, the injection of saline caused a rise in the blood sugar (cf. following abstr.). B. S. Levine

The prognostic significance of conditioned hypoglycemia in psychic patients. N. P. Stashchenko (M. A. Kalinin Med. Inst., Omsk). *Zhur. Nevropatol. i Psikhiatrii im. Korsakova* 54, 767–8(1954).—General test procedure was identical with the one used by Serova (cf. preceding abstr.) and the types of patients and the treatment results were nearly the same. S. concludes that a conditioned hypoglycemia in psychiatric patients under insulin treatment is

SHAVA, A. I., STASHCHENKO, N. P.

a favorable prognostic indicator; this is especially true of schizophrenics. In the majority of the patients who manifested no conditioned hypoglycemia while under insulin treatment, insulin therapy failed to bring about favorable results.

B. S. Levine

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STASHCHUK, F.G. [Stashchuk, F.H.]; STASHCHUK, M.F.

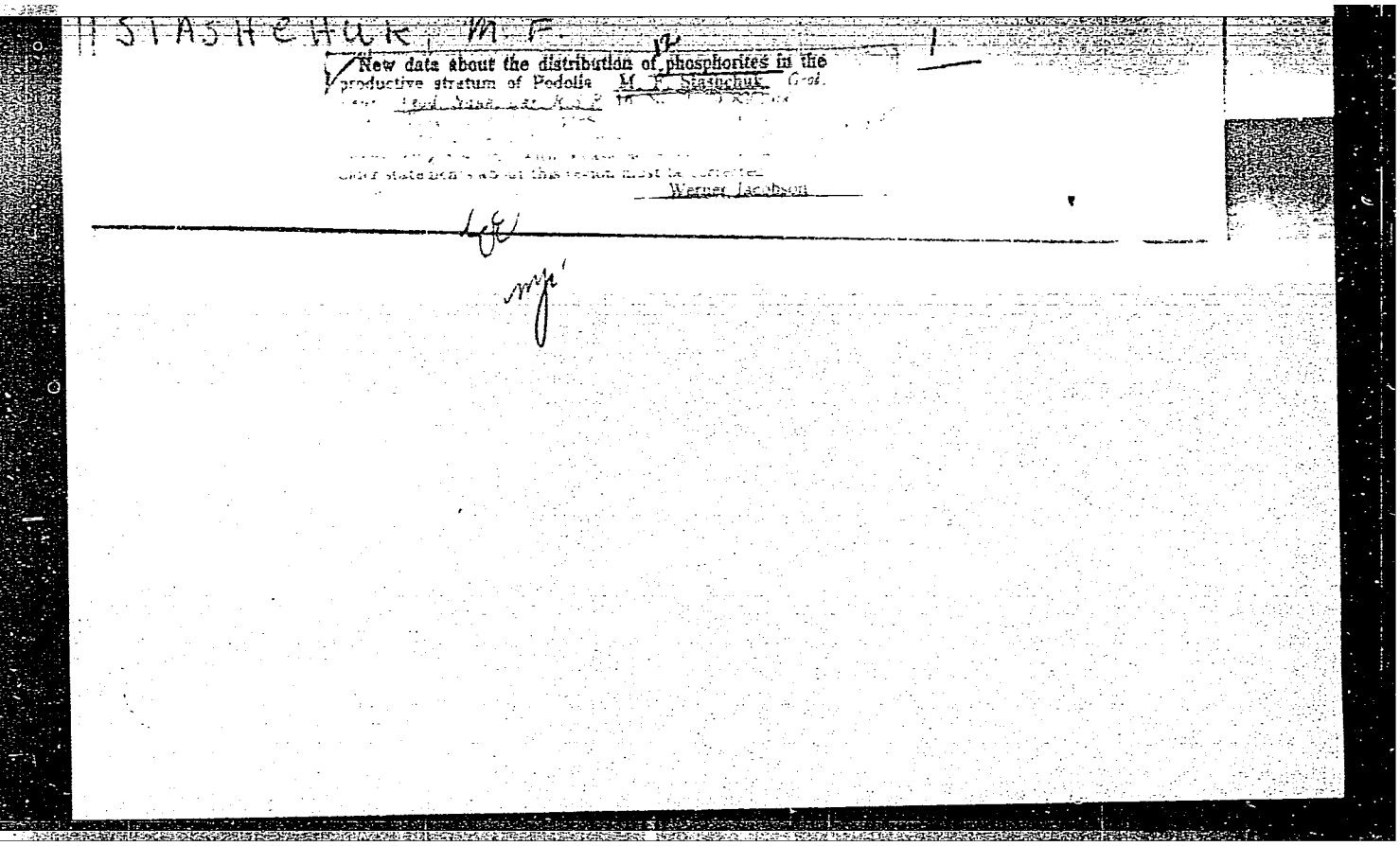
Method for obtaining preparations with oriented argillaceous minerals. Dop.AN URSR no.7:940-943 '60. (MIRA 13:8)

1. Institut mineral'nykh resursov AN USSR. Predstavleno akademikom AN USSR N.P.Semenenko [M.P.Semenenko].
(Clay)

STASHCHUK, M.D.

Clinical aspects and treatment of late schizophrenia. Vop.klin., patog. i lech. shiz. no.1:131-134 '64. (MIRA 18:5)

1. Otdel psikhozov pozdnego vozrasta (zav. - prof. S.G.Zhislin) Gosudarstvennogo nauchno-issledovatel'skogo instituta psikhiatrii Ministerstva zdravookhraneniya RSFSR i Simferopol'skaya [redacted] psikhiatricheskaya bol'nitsa (glavnyy vrach - R.G.Lipanov).



STASHCHUK, M. F.

New data about the distribution of phosphorites in the productive stratum of Podolia M. F. Stashchuk, Geol.

Werner Jacobson

STASHCHUK, M. F., Cand Geol-Min Sci -- (diss) "Mineralogy and lithology of early Paleozoic deposits of the ~~middle~~ central Dnester Valley and its mineral resources ~~connected~~ associated with them." Kiev, 1957. 14 pp (Min of Higher Education Ukr SSR, Kiev State Univ im T. G. Shevchenko), 100 copies (KL, 1-58, 116)

STASHCHUK, M.F.

Stratigraphy of the mute terrigenous layer of lower Paleozoic deposits in the middle Dniester region. Geol. zhur. 17 no.2: 38-48 '57. (MLRA 10:11)
(Dniester Valley--Geology, Stratigraphic)

STASHCHUK, Mikhail Fedorovich; RODIONOV, S.P., vidpovidal'nyi red.; MEL'NIK, G.F. [Mel'nyk, H.F.], red. vidavnitstva; ROZENTSVEYG, Ye.N. [Rozentsveig, IE.N.], tekhn.red.

[Lithologic characteristics of ancient Paleozoic sediments in the central Dniester Valley] Litologichni osoblyvosti davn'opaleozois'kykh vidkladiv seredn'oho Prydnistrov'ia. Kyiv, Vyd-vo Akad. nauk URSR, 1958. 42 p. (Akademiia nauk URSR, Kiev, Instytut geologichnykh nauk. Trudy no.21. Seriia stratygrafii i plaeontologii) (MIRA 11:7)
(Dniester Valley--Rocks, Sedimentary)

AUTHOR: Stashchuk, M.F. SOV-21-58-4-21/29

TITLE: Structure of the Enclosing Rocks in the Middle Dnestr Area, the Facial Changes in the Sediments Connected with Them and Gaps in the Deposits (Struktury oblekaniya v rayone srednego Pridnestrov'ya, svyazannyye s nimi fatsial'nyye izmeneniya v osadkakh i pereryvy v otlozheniyakh)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 4, pp 440-444 (USSR)

ABSTRACT: Several investigators detected a series of tectonic elevations in the Middle Dnestr area, which can be traced on the paleogeological chart of ancient Paleozoic layers. F.F. Lungersgauzen, G.Kh. Kikenshteyn, M.O. Gribova and L.O. Klevtsova, and T.F. Yevseyev pointed out the existence of gaps between the ancient Paleozoic deposits in this area. The author questions these concepts. His detailed study of the ancient Paleozoic deposits and lithological-facial data does not support the existence of these gaps and tectonic elevations. He advances an alternative hypothesis, that many structures whose age was differently estimated by various investigators arose during the process of sediment accumulation on the projections of the crystalline foundation. The pebble layers occurring between the individual horizons of the terrigenic formation

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Structure of the Enclosing Rocks in the Middle Dnestr Area, the Facial Changes in the Sediments Connected with Them and Gaps in the Deposits

are associated with the vault-part of these structures and are explained, not by regional gaps, but by local washing away of the elevated sections. This process is connected with the shallowness of the basin and epeirogenetic fluctuations in Podolia during the Old Paleozoic sediment accumulation. There is 1 chart, 1 cross section and 3 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk
SUBMITTED: June 14, 1957
NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Rock--Geology 2. Geophysics--USSR

STASHCHUK, F.G. [Stashchuk, F.H.]; STASHCHUK, M.F.

Method for obtaining preparations with oriented argillaceous minerals. Dop.AN URSR no.7:940-943 '60. (MIRA 13:8)

1. Institut mineral'nykh resursov AN USSR. Predstavleno akademikom AN USSR N.P.Semenenko [M.P.Semenenko].
(Clay)

STASHCHUK, M.F.

Effect of time on the changes in the refractive index of clay minerals. Zap. Vses. min. ob-va 89 no.5:588-590 '60. (MIRA 13:10)

(Minerals--Optical properties) (Clay)

STASHCHUK, M.F.; SUPRICHOV, V.A.

Mineralogy of loess deposits of the Sivash Valley. Mat.z min. Ukr. no.2:79-91 '61. (MIRA 15:8)
(Sivash region--Loess)

STASHCHUK, M.F.

Characteristics of carbonate accumulation in the Sivash silts. Dokl. AN SSSR 143 no.2:427-429 Mr '62. (MIRA 15:3)

1. Institut mineral'nykh resursov AN USSR. Predstavleno akademikom N.M.Strakhovym.
(Sivash--Silt)
(Carbonates)

SIASHCHUK, Mikhail Fedorovich; SUKYCHEV, Vladimir Andreyevich; KHITRAYA, Mariya Stepanovna; YURK, Yu.Yu., doktor geol.-miner. nauk, otv. red.; CHEKHOVICH, K.ya., red.

[Mineralogy, geochemistry, and conditions governing the formation of the bottom sediments of Sivash] Mineralogiia, geokhimiia i usloviia formirovaniia donnykh otlozhenii Sivasha. Kiev, Naukova dumka, 1964. 172 p.
(MIRA 18:1)

ACC NR: AR7004293 (A) SOURCE CODE: UR/0274/66/000/011/A078/A078

AUTHOR: Bokrinskaya, A. A.; Stashchuk, V. D.

TITLE: Thermistor selective filters for infralow frequencies

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 11A625

REF SOURCE: Vestn. Kiyevsk. politekhn. in-ta. Ser. radiotekhn., no. 2, 1965, 166-174

TOPIC TAGS: electric filter, thermistor, oscillatory circuit

ABSTRACT: Operation of a thermistor is considered when the amplitude of the alternating component of the thermistor current is substantially lower than the bias current I_0 that determines the operating point on the thermistor characteristic. In this case, the thermistor acts as a linear inertial element in the circuit. If its operating point is selected on the drooping portion of its I-V characteristic, its equivalent reactance is inductive. By combining such a thermistor with a capacitor (TC-circuit), a circuit can be built whose frequency characteristics are similar to those of LC-circuits. Amplitude and phase characteristics of series, parallel, and coupled TC-circuits are considered. The TC-circuit can be easily controlled by the bias current I_0, which permits designing the devices suitable for operation in a wide infralow band. Tuning by I_0 can ensure as wide band as that obtainable by varying capacitance in an LC-circuit. By selecting suitable circuit elements, a fairly high equivalent Q-factor (10--15) can be obtained. Sensitivity to the ambient temperature is a disadvantage of TC filters; it could be remedied by thermostat control. Ten figures.I. Z. [Translation of abstract]

Card 1/1 SUB CODE: 09 UDC: 621.317.76.621.316.825

SHULYAK, Z.N.; KRASUKHINA, M.M.; STASHENKO, Yu.M.

Characteristics of the geometric parameters of the surface of various samples of silicon dioxide. Kauch. i rez. 22 no.10: 33-34 O '63. (MIRA 16:11)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

STASHEV, A. G.

RAKOV, Aleksandr Pavlovich, professor; MILOVIDOV, Nikolay Nikolayevich, inzhener; BUKHALEV, Aleksandr Vasil'yevich, inzhener; TARASOV, Ivan Ivanovich, inzhener; STASHEV, A.G., retsenzent; KAPELEVICH, Ye.I., redaktor; MELOVALOV, L.Ya., tekhnicheskiy redaktor

[Cotton spinning] Priadenie khlopka. Izd. 2-oe, ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo M-va legkoi promysh]. SSSR, 1957. 518 p. (MLRA 10:10)
(Cotton spinning)

STASHEVA, M.P.

Experience in the use of suspensions for flyer bobbins. Tekst. prom. 22 no.11:39 N '62. (MIRA 15:11)

1. Nachal'nik pryadil'nogo proizvodstva fabriki imeni III Internatsionala.

(Spinning machinery)

STASHEVA, M.P.

Ways to make yarn a profitable article. Tekst.prom. 25 no.11:35 N '65. (MIRA 18:12)

1. Glavnyy ekonomist pryadil'no-tkatskoy fabriki imeni III Internatsionala.

KOK, I.P.; STASEVSKAYA, I.P. [Stasevs'ka, I.P.]

Nucleotide composition of deoxyribonucleic acid of some domestic and wild birds. Dop. AN URSR no.5:628-630 '63. (MIRA 17:9)

1. Institut zoologii AN UkrSSR. Predstavleno akademikom AN UkrSSR V.A.Belitserom [Bielitser, V.O.].

STASHEVSKAYA, V.V.

2

Staševskaya, V. V. On inverse problems of spectral analysis for a class of differential equations. Doklady Akad. Nauk SSSR (N.S.) 93, 409–411 (1953). (Russian)

The inverse problem for $y''+[\lambda-q(x)]y=0$ on $(0, \infty)$ with $q(x)$ real and integrable on $[0, b]$ for any $b<\infty$ has been considered by Gelfand and Levitan [Izvestia Akad. Nauk SSSR. Ser. Mat. 15, 309–360 (1951); these Rev. 13, 558]. Here the inverse problem for

$$y''+[\lambda-q(x)-n(n-1)/x^2]y=0$$

is considered where for any $\epsilon>0$ and any a

$$\int_0^a |xq(x)|^{n+\epsilon}dx<\infty$$

and similar results to those of Gelfand and Levitan are obtained.

N. Levinson (Cambridge, Mass.).

STASHEVSKAYA, V.V. (Khar'kov)

Inverse spectrum-analysis problem for a differential operator with a singularity in zero. Uch.zap.KHGU 80:49-86 '57. (MIRA 12:11)

(Functioak analysis)

COUNTRY : USSR
CATEGORY : Cultivated Plants. Industrial. Oleiferous. M
Sugar.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11076

AUTHOR : Stasnevskaya, Yu. A.
INST. : -
TITLE : The Use of Permanganate of Potassium as a Means of Controlling Suckering of "Makhorka" (Nicotiana rustica).

ORIG. PUB. : Tabak, 1958, No. 1, 54-55.

ABSTRACT : $KMnO_4$ was used at Dept "makhorka"-growing sovkhoz (Chernigovskaya Oblast', Ukrainian SSR) in 1956 for the suppression of sucker growth on "makhorka". In the process of the first suckering, $KMnO_4$ was applied in powder form to the site of the broken-off sucker with the simultaneous breaking of the adjoining epidermis of the petiole tissue with the point of the pincers. During the 20 days of the observations, the suckers did not grow again on the treated plants. It was observed that $KMnO_4$ does not produce appreciable influence on the growth of the plants

CARD: 1/2

STASHEVSKIY, Dmitriy Nikolayevich [Stashevs'kyi, D.M.]; KOVAL', M.V., red.; RAKHLINA, N.P., tekhn.red.

[International significance of the seven-year plan for the development of the national economy of the U.S.S.R.] Mizhnarodne znachennia semyrichnoho planu rozvytku narodnoho hospodarstva SRSR. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 72 p. (MIRA 13:3)

(Russia--Economic policy)

STASHEVSKIY, G.A.

Use of furadonin in urology. Zdrav.Belor. 5 no.1:55-56 Ja '60.
(MIRA 13:5)

1. Iz kafedry urologii (zaveduyushchiy kafedroy - doktor med.nauk A.I. Mikhel'son) Belorusskogo instituta usovershenstvovaniya vrachey.

(UROLOGY) (FURAN)

MOKHORT, V.A.; STASHEVSKIY, G.A.

Diagnosis of a kidney carbuncle. Zdrav.Bel. 8 no.12:60-61 D '62. (MIRA 16:1)

1. Iz kafedry urologii Belorusskogo instituta usovershenstvovaniya vrachey (zav. kafedroy - prof. A.I.Mikhel'son).
(KIDNEYS--DISEASES) (CARBUNCLE)

STASHEVSKIY, V.

New frontiers of underwater sports. Vokn. znan. 40 no.12: 42-43 D '62 (MIRA 18:1)

1. Zamestitel' predsedatelya Vsesoyuznoy kollegii sudey.

STASHEVSKIY, V.; MAZUROV, I.

Underwater sport at a new stage. Voen. znan. 41 no.8:41-42 Ag '65.
(MIRA 18:7)

1. Otvetstvennyy sekretar' Federatsii podvodnogo sporta SSSR (for Stashevskiy). 2. Glavnyy trener Federatsii podvodnogo sporta SSSR (for Mazurov).

STASHEVSKIY, V. E.

Rodnikovskaia MTS /Rodnikovskaya Machine-Tractor Station/. Moskva, Gos. izd-vo sel'skokhoziaistvennoi lit-ry, 1952. 240 p.

SO: Monthly List of Russian Accessions, Vol 6 No 6 September 1953

STASHEVSKIY, V.

Agricultural exhibitions

Organizing a regional agricultural exhibition. Sov. agron. 10 No. 3, 1952

Monthly List of Russian Accessions, Library of Congress, May 1952 UNCLASSIFIED

STASHEVSKIY, V.E.

Raionnye sel'skokhoziaistvennye vystavki (District agricultural expositions). 3-e, perera-bot. i dop. izd. Moskva, Sel'khozgiz, 1953. 222 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

1. STASHEVSKIY, V. YE.

2. USSR (600)

4. Machine-Tractor Stations

7. Monograph about a leading machine-tractor station ("Rodinovskaya Machine-Tractor Station." V. YE. Stashevskiy. Reviewed by L. Gorelov). Sots. sel'khoz., 24, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

STASHEVSKIY, V.Ye.

On a Transcarpathian collective farm. Nauka i pered.op. v sel'khoz 6 no.11:54-57 N '56. (MLRA 10:1)
(Transcarpathia--Collective farms)

STASHEVSKIY, V.Ye. (Pyatigorskiy rayon, Stavropol'skogo kraya).

Many thanks, Mikhail Gerasimovich! Nauka i pered.op. v sel'khoz. Nauka i pered.op. v sel'khoz. 7 no.8:20-22 '57. (MLRA 10:9)
(Kel'bas, Mikhail Gerasimovich) (Stock and stockbreeding)

STASHEVSKIY, V.

A dream has come true. Nauka i pered. op. v sel'khoz. 8 no.3:71-73 Mr '58. (MIRA 11:3)

(Fruit culture)

GLINKA, M.V.; STASHEVSKIY, V.Ye.; KUZNETSOV , I.N., red.;
PEREPELITSKAYA, A.G., red.; YELAGIN, A.S., tekhn. red.

[Goals of Russia] Rubezhi Rossii. Moskva, Sovetskaya Rossiia, 1963. 286 p. (MIRA 16:4)
(Agriculture--Economic aspects)

STASHIN, V., polkovnik

Communists insist on the improvement of organizational work.
Komm.Vooruzh.Sil 1 no.3:58-60 F '61. (MIRA 14:8)
(Russia--Air force--Political activity)

STASHIN, Ye. A., inzhener.

Air conditioning in the watch industry. Khol.tech.32 no.3:32-36 Jl - S '55. (MLRA 9:1)
(Air conditioning) (Clocks and watches)

STASHIN, Ye.A., inzh.

Nomogram for determining the superheating of ammonia vapors in suction lines of refrigerating machines. Khol. tekh. 35 no. 3:28-31 My-Je '58. (MIRA 11:7)

1. TSentral'noye konstruktorskoy byuro kholodil'nogo mashinostroyeniya.
(Refrigeration and refrigerating machinery)

STASHIN, Ye.A., inzh; SAKHAROV, V.G., inzh.

Experimental plant operating. Khol.tekh. 38 no.2:49-50 Mr-Ap '61.
(MIRA 14:3)
(Refrigeration and refrigerating machinery)

MINEYEV, P.A., inzh.; GUREVICH, Ye.S., inzh.; SHINKA, V.Ya., inzh.; BUKHTER, Ye.Z., inzh.; SHCHERBAKOV, V.S., inzh.; IL'INA, N.I., inzh.; GLUKHOV, V.V., inzh.; GOGOLINA, T.V., inzh.; KROTKOV, V.N., inzh.; STASHIN, Ye.A., inzh.; KUSHNER, A.P., inzh.; YERMAKOVA, P.I., inzh.; PAVLOV, R.V., inzh., red.; KASPEROVICH, N.S., red.izd-va; UVAROVA, A., tekhn. red.

[Catalog of refrigeration equipment] Katalog kholodil'nogo oborudovaniia. Moskva, Mashgiz, 1963. 186 p. (MIRA 16:7)

1. Russia (1923- U.S.S.R.) TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya.2. TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya (for all except Kasperovich, Uvarova).
(Refrigeration and refrigerating machinery--Catalogs)

STASHININ, N.

Using dry branches in construction. Sel'.stroi. 15 no.7:30 Jl '60. (MIRA 13:8)

1. Starshiy propab Pankrushikhinskogo khlobopriyemnogo punkta Altayskogo kraya.
(Altai Territory--Building materials)

ZAGORODNYUK, V.T.; STASHINOV, Yu.P.

Analysis of a potentiometric bridge for a relay-type servomechanism.
Trudy NPI 115:35-45 '61. (MIRA 15:4)
(Potentiometer) (Electricity in mining) (Servomechanisms)

STASHKEVICH, A. P.

"Investigation of the Relationship of Self-Ignition Delay Period to the Structural Peculiarities of an Engine and to Individual Factors in the Thermal Process." Cand Tech Sci, Khar'kov Polytechnic Inst imeni V. I. Lenin, Min Higher Education USSR, Khar'kov, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

STASHKEVICH, A.P.

STASHKEVICH, A.P., kand. tekhn. nauk.

Analyzing the errors in indicator diagrams. Sbor. st. CHPI no.10: 5-18 '57. (MIRA 11:1)

(Electromechanical analogies)
(Gas and oil engines--Cylinders--Testing)

STASHKEVICH, A.P., kand.tekhn.nauk

Profiling cams of gas-distribution mechanisms in internal combustion engines. Sbor.st.CHPI no.13:12-25 '59. (MIRA 13:4)

(Cams)

SHISHKOVA, Yekaterina Vasil'yevna; STASHKEVICH, A.P., kand. tekhn. nauk, dots., retsenzent; GYUL'BADAMOV, S.B., st. nauchn. sotr., retsenzent; KOSSOVA, O.N., red.; SOKOLOVA, I.A., tekhn. red.

[Physical foundations for echo sounding in fishing] Fizicheskie osnovy rybolokatsii. Moskva, Pishchepromizdat, 1963. 145 p. (MIRA 16:7)

(Sonar in fishing)

Aleksandr Petrovich

MYASNIKOV, Lev Leonidovich; STASHKEVICH, A.P., kand. tekhn. nauk, dots., retsenzent; KLYUKIN, I.I., nauchn. red.; KRYAKOVA, D.M., tekhn. red.

[The inaudible sound] Neslyshimyi zvuk. Leningrad, Sudprom-giz, 1963. 110 p. (MIRA 16:10)
(Sound)

Aleksandr Petrovich

PROSTAKOV, Anatoliy Leonidovich; LAPSHIN, V.P., kand. voenno-morsk. nauk, retsenzent; STASHKEVICH, A.P., otv.red.; LESKOVA, L.R., red.

[Underwater acoustics in foreign navies; according to materials of the foreign press] Gidroakustika v inostrannykh flotakh; po materialam zarubezhnoi pechati. Leningrad, Sudostroenie, 1964. 154 p. (MIRA 17:4)

Known to be
Aleksandr Petrovich
So: S.G. Negura OSI

SHAMARINA, N.M.; BOROYSHEVA, L.V.; LARINA, V.N.; STASHKEVICH, I.S.

Interrelationship between innervation and contractile reaction of muscle fibers. Zhur. evol. biokhim. i fiziol. 1 no. 6: 507-515 N-D '65 (MIRA 19:1)

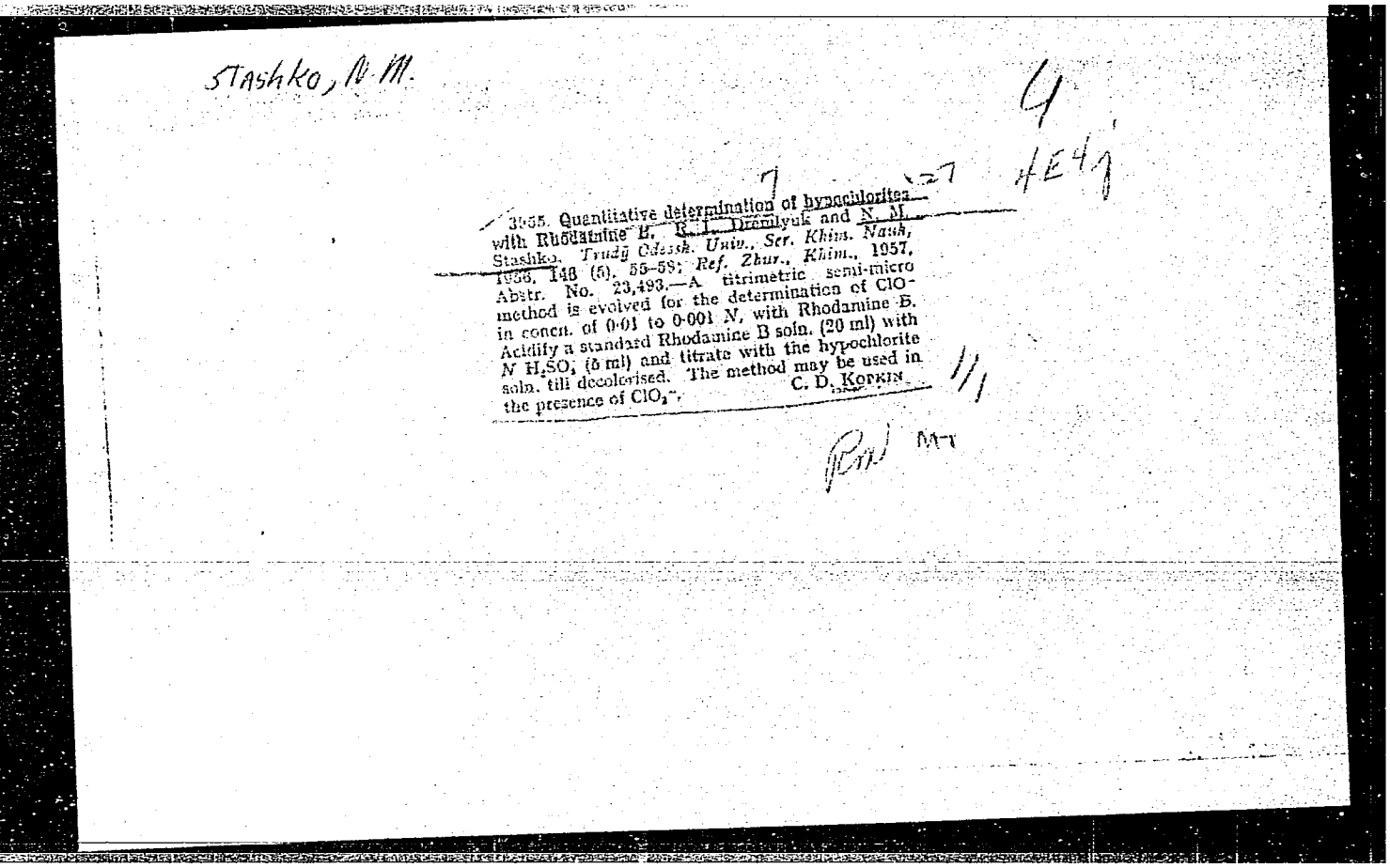
1. Laboratoriya neyrona i sinapsa Instituta vysshey nervnoy deyatel'nosti i neyrofiziologii AN SSSR, Moskva. Submitted April 26, 1965.

STASHKO, N. M.

STASHKO, N. M. --"Detection and Quantitative Determination of Some Ions with Organic Reagents."* (Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions)(29) Min Higher Education USSR, Odessa State U imeni I. I. Mechnikov, Odessa, 1955

SO: Knizhnaya Letopis' No 29, 16 July 1955

* For the Degree of Candidate in Chemical Sciences



Stashko, N. M.

4

4E41

3655. Quantitative determination of hypochlorites with Rhodamine B. E. I. Dremlyuk and N. M. Stashko. *Trudy Odessk. Univ., Ser. Khim. Nauk*, 1956, 146 (5), 55–58; *Ref. Zhur., Khim.*, 1957, Abstr. No. 23,493.—A titrimetric semi-micro method is evolved for the determination of ClO⁻ in concn. of 0·01 to 0·001 *N*, with Rhodamine B. Acidify a standard Rhodamine B soln. (20 ml) with *N* H_2SO_4 (5 ml) and titrate with the hypochlorite soln. till decolorised. The method may be used in the presence of ClO_3^-. C. D. Kopkin

1/1

STASHKO, N.M.

Qualitative determination of certain anions. Nauk.zap.Krem.derzh. ped.inst. no.4:97-102 '59. (MIRA 13:9)
(Chemistry, Analytical--Qualitative)

Stashko R.P.

1/4301. AN EFFECTIVE METHOD OF PROTECTING AN IDLE STEAM BOILER NOT HERMETICALLY SEALED. Nomet, A. and Stashkov, R.P. (Teploenergetika (Heat Pwr Engng, Moscow), Oct. 1954, 35, 36; Energietechnik, Nov. 1955, vol. 5, 525). The method involves the application of a sodium nitride solution to the metal surfaces giving rise to a concentrated layer of sodium nitride which provides protection against rust under any conditions of boiler idleness even when the boiler is filled with water. Results of tests carried out over nine months are given and methods of applying the solution are suggested. Approximately 16 lbs. of sodium nitride are needed for a boiler with a heating surface of 400 sq. ft. and a water content of 10,500 gallons. C.E.A.

62 D

STASHKO, R.P.

USSR / Chemical Technology. Chemical Products and Their Application I-14

Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31750

Author : Mamet A.P., Stashko R.P.

Title : Study of the Technology of Ammonium-Cathionite Treatment of Water

Orig Pub: Teploenergetika, 1956, No 5, 25-30

Abstract: A study was made of the treatment of water with NH_4-cathionite under laboratory conditions (cathionite (I) -- Wofatit R; depth of layer 430 mm; diameter of filter 25 mm). Residual

Card 1/4

USSR /Chemical Technology. Chemical Products and Their Application I-14

Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31750

of NH_4OH are not suitable for the regeneration of I, since they cause deposition of $Mg(OH)_2$. Expenditures of reagents for regeneration are (in g per g-equivalent): $(NH_4)_2SO_4$ 180, NH_4Cl 135. Expenditures of water for washing I are the same as on treatment with Na-cathionite. It is shown that a combined NH_4-Na-cathionite treatment is possible. Ratio of NH_4^+ and Na^+ concentrations in the filtrate, throughout the entire cycle, is about that of the ratio of the expenditures of their salts during regeneration of I. On boiling of the water treated with the NH_4-Na cathionite

Card 3/4

STASHKO, R.P., inzh.

Simplified methods for water quality control in industrial boiler systems. Energetik. 13 no.7:36-37 Jl '65. (MIRA 18:8)

MAMET, A.P., doktor tekhn. nauk; STASHKO, R.P., inzh.

Chemical demineralization of the condensate. Teploenergetika 6 no.12:71-77 D '59. (MIRA 13:3)

1.Moskovskoye otdeleniye TSentral'nogo nauchno-issledovatel'skogo kotloturbinnogo instituta.
(Feed-water purification)

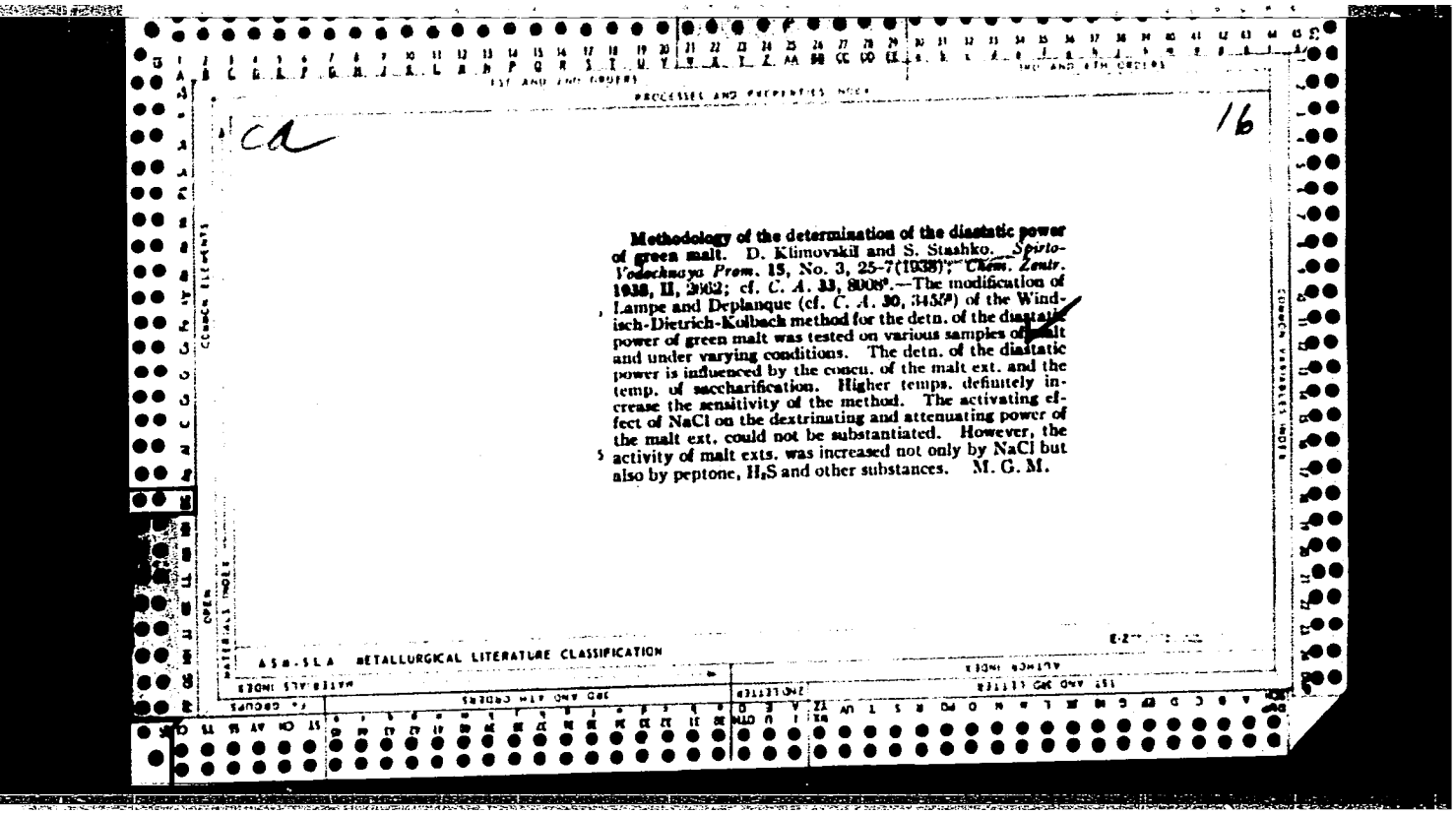
MAMET, A.P., doktor tekhn. nauk; STASHKO, R.P., inzh.

New methods for removing nitrites and nitrates from boiler feedwater. Teploenergetika 11 no.7:55-60 Jl '64. (MIRA 17:8)

1. Moskovskoye otdeleniye TSentral'nogo kotloturbinnogo instituta.

STASHKO, S.P. Cand Med Sci -- (diss) "Immediate and remote results of treatment of pulmonary tuberculosis patients with parasinosalicylic acid (PASA)." Len, 1959. 17 pp (State Order of Lenin Inst for the Advanced Training of Physicians im S.M. Kirov). 220 copies (KL, 30-59, 107)

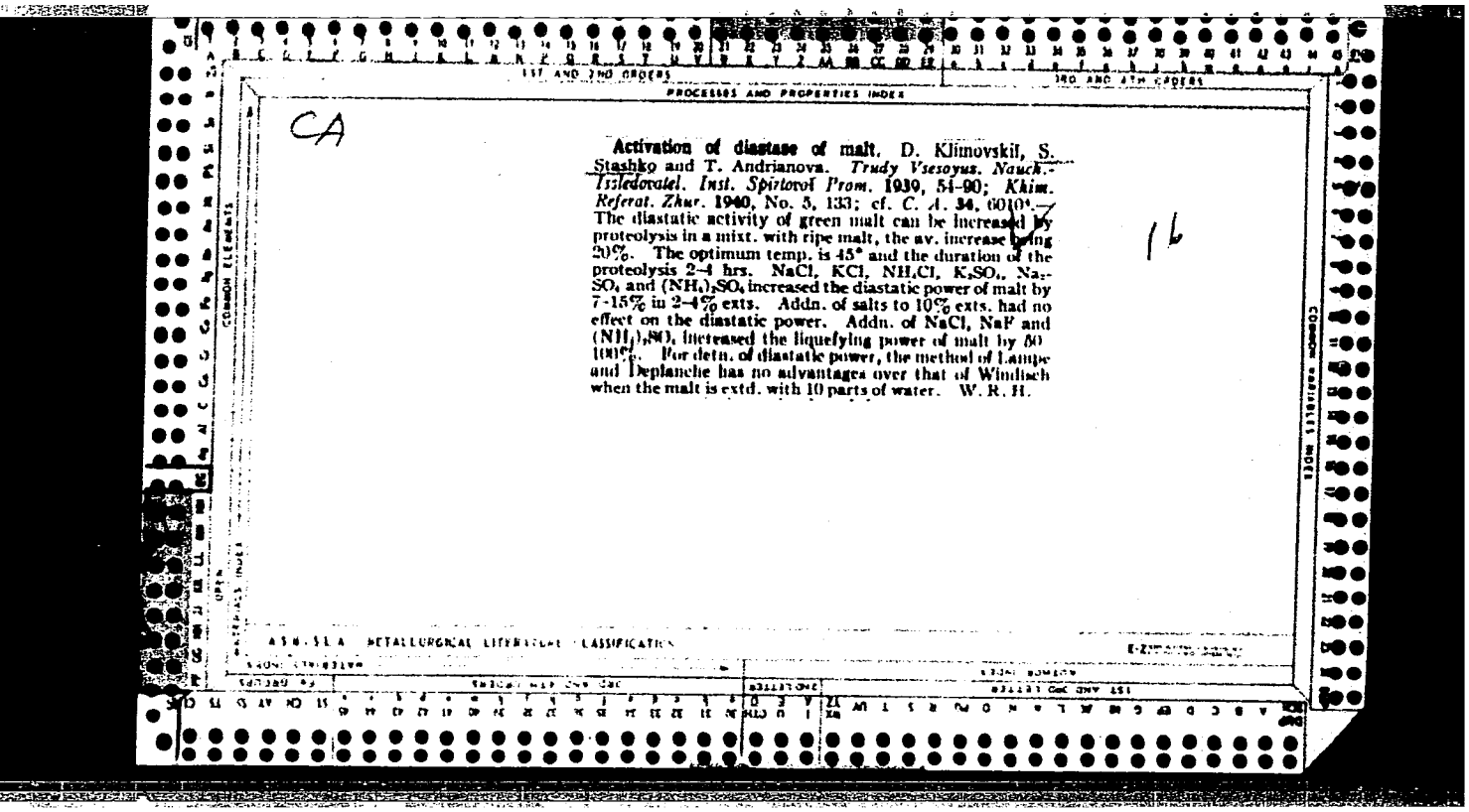
84



CA

16

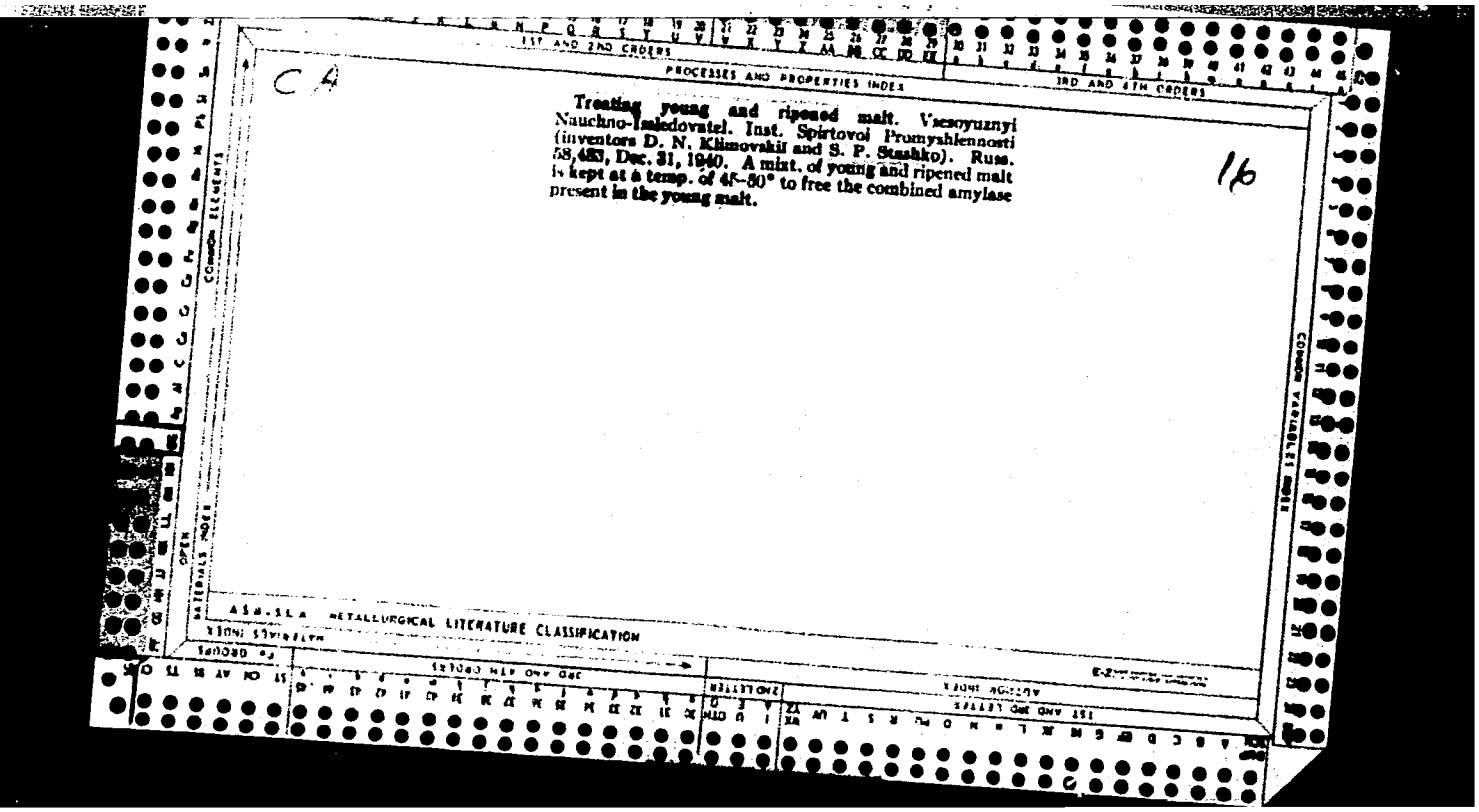
Methodology of the determination of the diastatic power of green malt. D. Klimovskii and S. Stashko. *Spirto-Vodochnaya Prom.* 15, No. 3, 25–7(1938); *Chem. Zentr.* 1938, II, 2062; cf. *C. A.* 33, 8008⁹.—The modification of Lampe and Deplanque (cf. *C. A.* 30, 3457⁹) of the Windisch-Dietrich-Kolbach method for the detn. of the diastatic power of green malt was tested on various samples of malt and under varying conditions. The detn. of the diastatic power is influenced by the concn. of the malt ext. and the temp. of saccharification. Higher temps. definitely increase the sensitivity of the method. The activating effect of NaCl on the dextrinating and attenuating power of the malt ext. could not be substantiated. However, the activity of malt exts. was increased not only by NaCl but also by peptone, H_2S and other substances. M. G. M.



CA

16

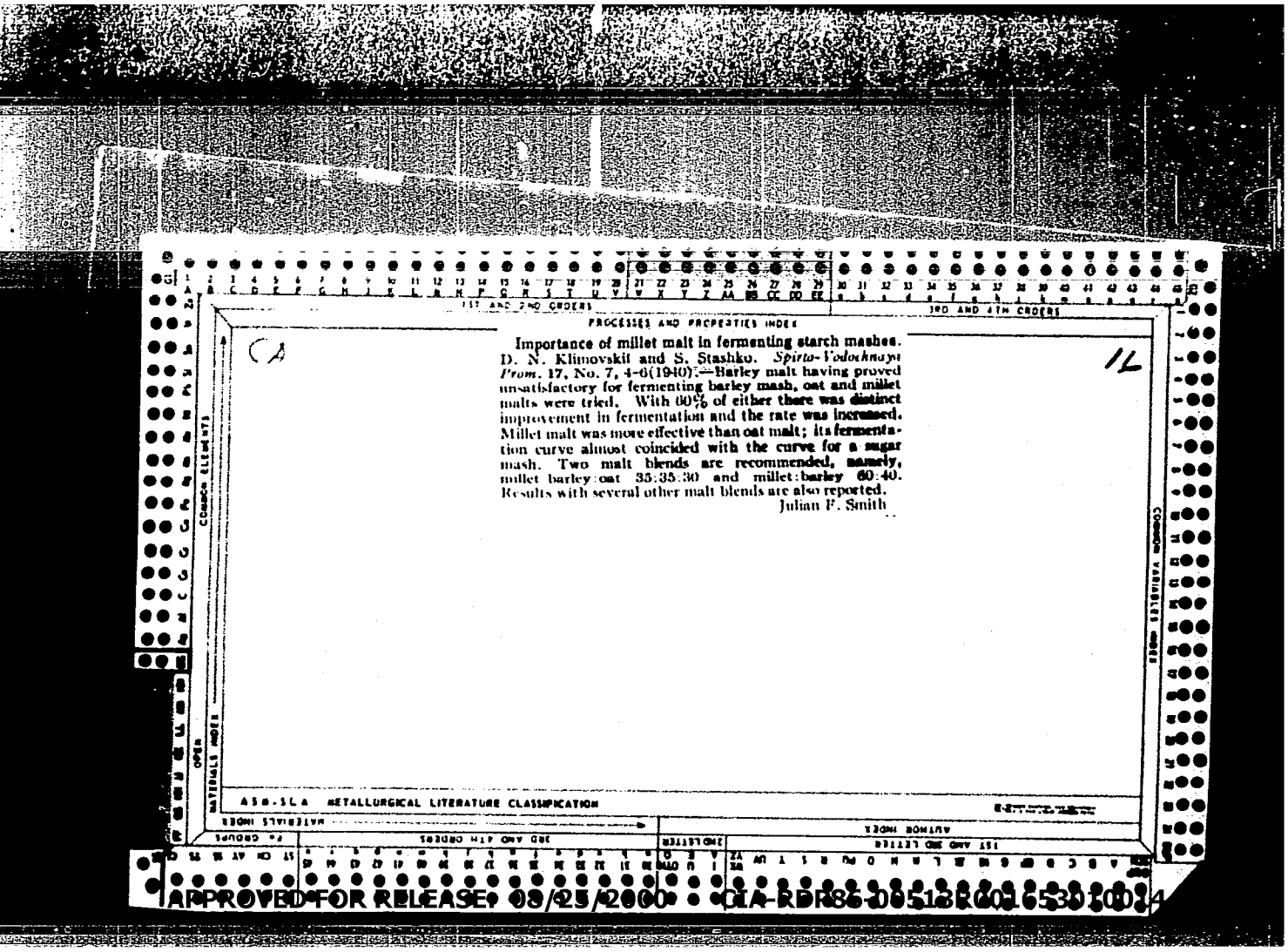
Activation of diastase of malt. D. Klimovskii, S. Stashko and T. Andrianova. *Trudy Vsesoyus. Nauch.-Issledovatel. Inst. Spirtovoi Prom.* 1939, 54–90; *Khim. Referat. Zhur.* 1940, No. 5, 133; cf. *C. A.* **34**, 6010⁸. The diastatic activity of green malt can be increased by proteolysis in a mixt. with ripe malt, the av. increase being 20%. The optimum temp. is 45° and the duration of the proteolysis 2–4 hrs. NaCl, KCl, NH_4Cl, K_2SO_4, Na_2SO_4 and $(NH_4)_2SO_4$ increased the diastatic power of malt by 7–15% in 2–4% exts. Addn. of salts to 10% exts. had no effect on the diastatic power. Addn. of NaCl, NaF and $(NH_4)_2SO_4$ increased the liquefying power of malt by 50–100%. For detn. of diastatic power, the method of Lampe and Deplanche has no advantages over that of Windisch when the malt is extd. with 10 parts of water. W. R. H.



CA

16

Treating young and ripened malt. Vsesoyuznyi Nauchno-Issledovatel. Inst. Spirtovoi Promyshlennosti (inventors D. N. Klimovskii and S. P. Stashko). Russ. 58,483, Dec. 31, 1940. A mixt. of young and ripened malt is kept at a temp. of 45–50° to free the combined amylase present in the young malt.



PROCESSES AND PROPERTIES INDEX

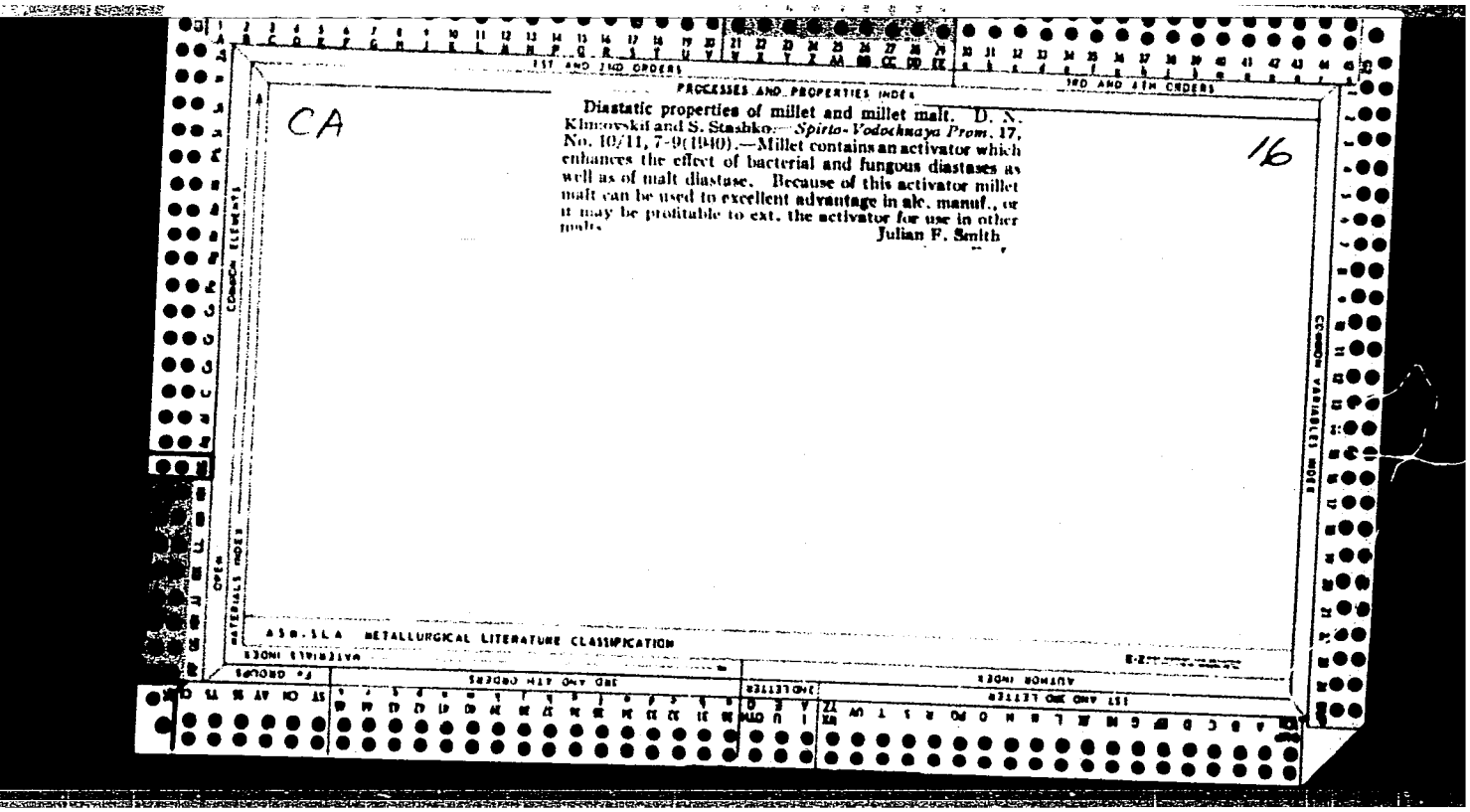
CA

Importance of millet malt in fermenting starch mashes. D. N. Klimovskii and S. Stashko. *Spirto-Vodochnaya Prom.* 17, No. 7, 4-6(1940).—Barley malt having proved unsatisfactory for fermenting barley mash, oat and millet malts were tried. With 60% of either there was distinct improvement in fermentation and the rate was increased. Millet malt was more effective than oat malt; its fermentation curve almost coincided with the curve for a sugar mash. Two malt blends are recommended, namely, millet barley:oat 35:35:30 and millet:barley 60:40. Results with several other malt blends are also reported.

Julian P. Smith

1L

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



CA

16

PROCESSES AND PROPERTIES INDEX

Diastatic properties of millet and millet malt. D. N. Klimovskii and S. Stashko.—*Spirto-Vodochnaya Prom.* 17, No. 10/11, 7–9(1940).—Millet contains an activator which enhances the effect of bacterial and fungous diastases as well as of malt diastase. Because of this activator millet malt can be used to excellent advantage in alc. manuf., or it may be profitable to ext. the activator for use in other malts.

Julian F. Smith

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

STASHKO, S. F.

Vesilov, I. Ya., Stashiko, S. F and Samoylova, V. Ye.
"On the biochemical transformation of grain in process of becoming malt," Vinnovaya prom-st' SSSR, No. 1, 1948, p. 19-21

SO: U-5254, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3. 1949)

STASHKO, S.P.; SAMOYLOVA, V.Ye.

Causes of low germinative power of barley. Trudy VNIIPP no.4:99-105 '54. (MLRA 10:1)

(Barley((Germination)

STASHKO, S. P.

USSR/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63555

Author: Stashko, S. P., Samoylova, V. Ye.

Institution: None

Title: On Brewing Quality of Some Varieties of Barley

Original Periodical: Inform. byul. Gos. komis. po sortoispyt. s. kh. kul'tur pri M-ve S. kh. SSSR, 1956, No 2, 20-35

Abstract: Indexes are given of the nature, sprouting, extraction properties, starch content, proteins and general brewing characteristics of various varieties of barley grown in USSR.

Card 1/1

M-2

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29699

Author : Stashko, S.P., Samoylova, V.Ye.

Inst : The All-Union Institute for the Beer-Brewing Industry.

Title : Experiments to Explain the Causes of the Reduced Productivity in the Verkhnyachskiy 8 Barely Variety.

Orig Pub : Tr. Vses. n.-i. in-t pivovar. prom-sti, 1957, vyp. 6, 8-14

Abstract : No abstract.

Card 1/1

STASHKO, S.P.

I-12

USSR/Chemical Technology. Chemical Products and Their Application. Fermentation Industry.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2825

Author : Stashko, S.P., Samoylova, V.Ye.

Inst : All-Union Scientific Research Institute of the Brewing Industry

Title : Brewing Characteristics of Barley of the Primorskiy Kray

Orig Pub : Tr. Vses. n.-i. in-t pivovar. prom-sti, 1957, No 6, 15-17

Abstract : Data are presented relative to tests of 2 varieties of barley: Viner and Ussuriyskiy 8, of 1953/54 harvest. In addition to the usual indices a determination was made, in the malt, of the difference in extraction between fine and coarsely ground material, of viscosity of the wort, and of the percentage of soluble nitrogen, on the basis of the total nitrogen content. Both varieties of barley

Card 1/2

STASHKO, S.P.; SAMOYLOVA, V.Ye.

Determination of the quality of brewer's malt by the Hartong method. Trudy VNIIPP no.7:16-24 '59. (MIRA 13:5)
(Malt)

STASHKO, S.P.; SAMOYLOVA, V.Ye.

Effect of gibberellins on the fermentative activity of germinating barley. Spirt.prom. 26 no.5:20-22 '60. (MIRA 13:7)

(Bibberellin) (Barley) (Fermentation)

STASHKO, S.P.; SAMOYLOVA, V.Ye.; IPATOVA, G.F.

Methods for determining the germinative capacity of brewing barley. Trudy TSentr. nauch.-issl. inst. piv., bezalk. i vin. prom. no.10:31-37 '63. (MIRA 17:8)

STASHKOV, A. M.: Master Biol Sci (diss) -- "The problem of the dynamics of cardiovascular conditioned and unconditioned reflexes of man". Leningrad, 1959. 23 pp (Min Educ RSFSR, Leningrad State Pedagogical Inst im A. I. Gertsen), 150 copies (KL, No 18, 1959, 123)

ARBUZOV, S.Ya.; STASHKOV, A.M.; KOROTKOVA, V.P.

Effect of ionizing radiations and certain chemical protective agents on physical endurance in animals. Farm. i tcks. 23 no. 5:459-464 S-O '60. (MIRA 13:12)

1. Otdel radiobiologii (zav. - prof. S.Ya. Arbuzov) Institut eksperimental'noy meditsiny AMN SSSR.
(RADIATION—PHYSIOLOGICAL EFFECT)
(RADIATION PROTECTION)

ARBUZOV, S.Ya.; STASHKOV, A.M.; KOROTKOVA, V.P.

Comparative data on the protective and therapeutic effect of the derivatives of diamides of imidazoledicarboxylic acids in radiation injury. Radiobiologiia 1 no.3:385-393 '61. (MIRA 14:10)
(IMIDAZOLEDICARBOXYLIC ACID)
(RADIATION PROTECTION)

STASHKOV, A.M.

Functional changes in the nervous system under the influence of pharmacological substances used in protecting against radiation injuries. Farm. i toks. 24 no.5:568-572 S-O '61. (MIRA 14:10)

1. Laboratoriya radiologii (zav. - prof. S.Ya. Arbuzov) Instituta eksperimental'noy meditsiny AMN SSSR.
(RADIATION PROTECTION) (NERVOUS SYSTEM)

27.1220

39562
S/205/62/002/003/008/015
I015/I215

AUTHOR: Stashkov, A. M.

TITLE: Changes in the bioelectrical activity of the nervous system following X- irradiation and after chemical protective measures

PERIODICAL: Radiobiologiya, v.2, no. 3, 1962, 437–441

TEXT: The mechanism of radiation injury and the possible chemical protection against it were electrophysiologically investigated. The experiments were carried out on 40 rabbits, of which 20 received mercamine (100 mg/kg b.w.) as a protective agent. When irradiated with 1000r X-rays (the dose rate 39–40 r/min), the cortical, subcortical and peripheral parts of the nervous system were stimulated with an ЭС–1 (ES–1) electronic stimulant and the data evaluated statistically with an integrator. Changes in the CNS of rabbits following a whole body irradiation of 1000r X-rays were: an initial increase in the number of impulses by 50–100% and a subsequent decrease in their number (down to 40–60% of the original level). Corresponding alterations were observed on EEG records. The protective activity of mercamine consisted in compensating the functional damage of the CNS caused by the prolonged increase in its excitability. There is 1 figure.

ASSOCIATION: Institut eksperimental'noy meditsiny AMN SSSR (Institute of Experimental Medicine, AMS USSR) Leningrad

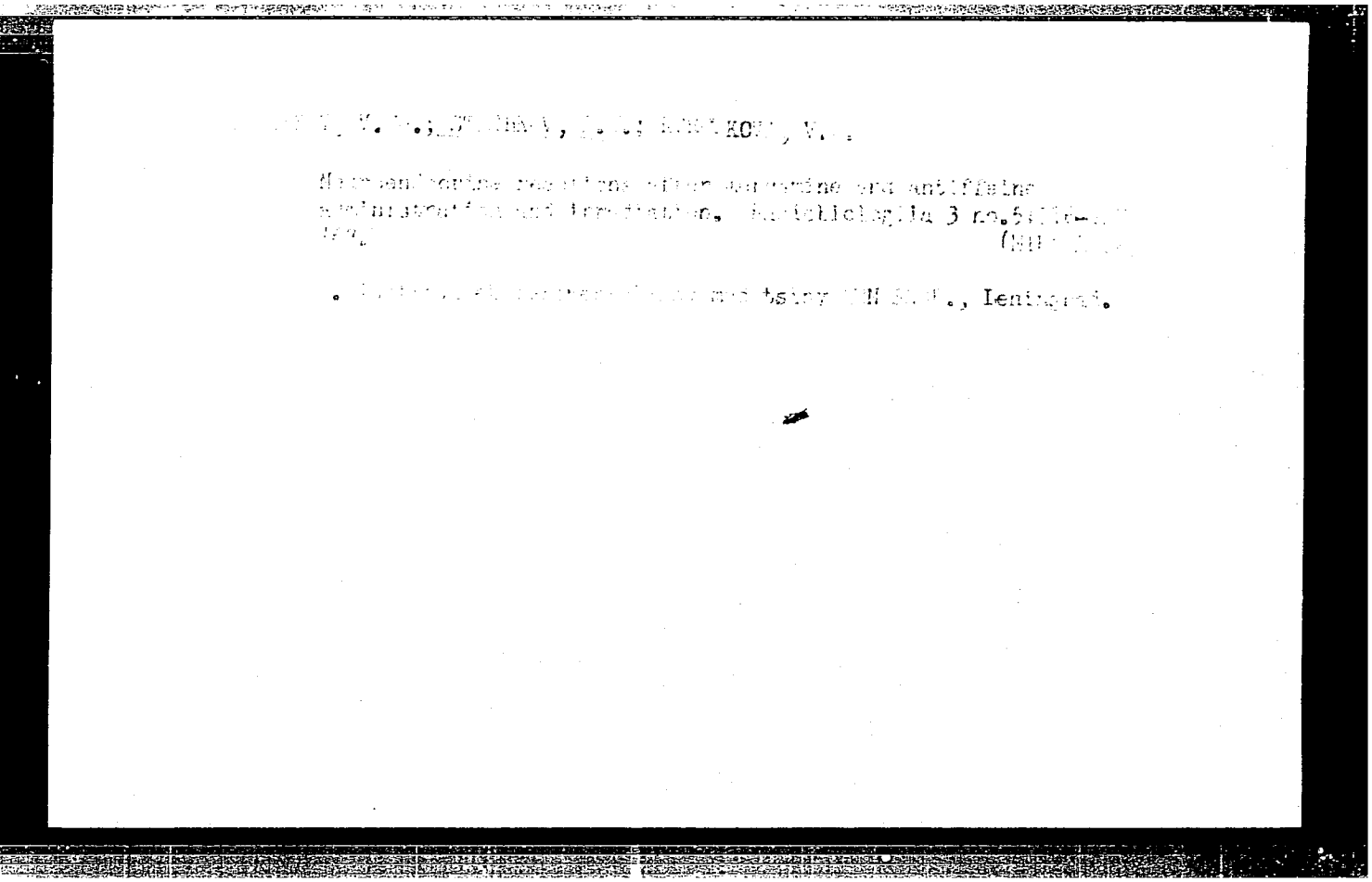
SUBMITTED November 21, 1960

Card 1/1

KOROTKOVA, V.P.; STASHKOV,A.M.

Chemical prophylaxis of radiation injuries in different species of animals. Radiobiologiia 2 no.6:903-906 '62 (MIRA 16:11)

1. Institut eksperimental'noy meditsiny AMN SSSR, Leningrad.



L 10116-63 EWT(l)/EWT(m)/BDS/ES(b) AFFTC/ASD K

ACCESSION NR: AP3000260 S/0241/63/008/005/0079/0082

54

AUTHOR: Stashkov, A. M.; Korotkova, V. P. (Leningrad)

TITLE: Protective and therapeutic effects of the synergistic action of effective substances on radiation sickness in animals

19

SOURCE: Meditsinskaya radiologiya, no. 5, 1963, 79-82

TOPIC TAGS: radiation sickness, cystamine, purine, pyrimidine compounds, pyridoxin, narcotic drugs, protective effects

TEXT: The effect of various combinations of cystamine, purine and pyrimidine compounds, pyridoxin (vitamin B sub 6), and narcotic drugs on radiation sickness in animals was studied for 30 days in white mice (male) weighing 18 to 20 g. The animals were subjected to x-irradiation with 700 r from an RUM-11 apparatus at 41.4 r/min. The highest protective effect was obtained by an intraperitoneal injection of 150 mg/kg cystamine 30 min before exposure, followed by a subcutaneous injection of 50 mg/kg antifein immediately after exposure (56% survival rate). An injection of 150 mg/kg cystamine

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L 10116-63

ACCESSION NR: AP3000260

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30 min before exposure followed by an injection of 50 mg/kg antifein immediately after exposure and intraperitoneal injections of vitamin B(1 mg/kg) for seven consecutive days after exposure resulted in a 60% survival rate. The narcotic drug barbamyl (100 mg/kg) inhibited the effect of antifein (20% survival rate), whereas chloral hydrate (also a narcotic drug), injected in a dose of 300 mg/kg immediately after exposure, increased the protective effect of antifein (100 mg/kg), resulting in a 58% survival rate. The data obtained indicate that the effectiveness of the preparations used depends on their chemical nature, dose, time, and sequence of administration. Activation and inactivation of the protective substances may occur simultaneously in the animal organism. Orig. art. has: 3 tables.

ASSOCIATION: none

SUBMITTED: 0029 DATE ACQ: 12Jun63 ENCL: 00

SUB CODE: 00 NO REF SOV: 000 OTHER: 000

Card 2/2

STASHKOV, A.M.; KOROTKOVA, V.P.

Quantitative relation of the protective effect of antifeines to the radiation dosage. Radiobiologiia 3 no.2:281-284 '63. (MIRA 17:1)

1. Institut eksperimental'noy meditsiny AMN SSSR, Leningrad.

L 13329-63 EWT(1)/EWT(m)/BDS AFFTC/AMD/ASD AR/K
ACCESSION NR: AP3003939 S/0205/63/003/004/0603/0611

57
56

AUTHOR: Korotkova, V. P.; Ry*zhekov, V. Ye.; Stashkov, A. M.

TITLE: Change in the concentration of 17-oxycorticosteroids and hematological indices in dogs after the application of certain chemical protective means and irradiation

SOURCE: Radiobiologiya, v. 3, no. 4, 1963, 603-611

TOPIC TAGS: radiation sickness, ACTH, 17-oxycorticosteroid, adrenocorticotrophic hormone, mercamine, adrenal cortex, antiradiation treatment

ABSTRACT: The pathogenesis and chemical prophylaxis of radiation damage in dogs have been investigated on the basis of functional changes in the adrenal cortex. Several days after an absolute lethal dose (700 r), the concentration of 17-oxycorticosteroids in the peripheral blood plasma first exhibited a decrease, then a buildup, and finally in the terminal period a leveling off above normal. The immediate reaction of the adrenal cortex to the introduction of ACTH was to remain normal throughout all stages of radiation sickness, indicating the retention of reserve powers. The decrease in the concentration of 17-oxycorticosteroids in animals whose suprarenal glands have been screened against irradiation was

Card 1/2

L 13329-63
ACCESSION NR: AP3003939

not as pronounced as in the case of unshielded animals. The reaction to ACTH in the case of the former remained within normal bounds. No substantial differences were observed in the concentration of 17-oxycorticosteroids in animals who had received mercamine (75 mg/kg) and "antifein" (15 mg/kg); the reaction to ACTH in these cases was more pronounced. The results indicate the participation of the hypophysis-adrenal cortex system in the pathogenesis and pharmocological prophylaxis of radiation damage. It is concluded that a change of eosinophils after the introduction of ACTH cannot be used in the evaluation of the functional condition of the adrenal cortex. Orig. art. has: 1 table and 4 figures.

ASSOCIATION: Institut eksperimental'noy meditsiny* AMN SSSR (Institute of Experimental Medicine, AMN SSSR)

SUBMITTED: 21Jul62 DATE ACQ: 15Aug63 ENCL: 00

SUB CODE: AM NO REF SOV: 021 OTHER: 025

Card 2/2

KOROTKOVA, V.P.; STASHKOV, A.M.

Role of the adrenal glands in the reaction to irradiation under the protection of chemical preparations. Radiobiologiia 4 no.4: 594-598 '64. (MIRA 17:11)

1. Institut eksperimental'noy meditsiny AMN SSSR, Leningrad.

STASHKOV, A.M.; KOROTKOVA, V.P.

Radioprotective properties of pharmacological preparations with neurotropic effect from the antiffeine group. Farm. i toks. 27 no.1:73-76 Ja-F '64. (MIRA 17:11)

1. Otdel radiobiologii (zav. - prof. S.Ya. Arbuzov) Instituta eksperimental'noy meditsiny AMN SSSR.

L 56083-65 EWG(j)/EWT(m)
ACCESSION NR: AP5018574

UR/0241/64/009/012/0046/0050

21
20
B

AUTHOR: Ryzhenkov, V. Ye.; Stashkov, A. M.

TITLE: Course of radiation sickness against a background of the stimulating action of radioprotective substances on the hypophysis-adrenal system

SOURCE: Meditsinskaya radiologiya, v. 9, no. 12, 1964, 46-50

TOPIC TAGS: radiation sickness, radiation protection, experiment animal, endocrinology, gland

ABSTRACT: The object of the experiments reported was to determine the effect of a number of radioprotective substances on the hypophysis-adrenal cortex system, and to establish the connection between this effect and the protective action of the preparations. Nonbred dogs weighing 16-21 kilograms were used in the experiments. The preparations tested were cystamine administered in doses of 50 milligrams per kilogram body weight; unithiol in doses of 50 milligrams per kilogram body weight; allylnorantipheine in doses of 15 milligrams per kilogram body weight; phenatine in

Card 1/2

L 56083-65

ACCESSION NR: AP5018574

doses of 5 milligrams per kilogram body weight. Cystamine and unithiol were administered intraperitoneally, allylnorantipheine, subcutaneously, and phenatine, intravenously. Within one to 1.5 hours after the administration of the preparations to the animals, a significant increase in the concentration of 17-Oxycorticosteroids was noted in the peripheral blood plasma and symptoms of a eosipenic reaction developed. This indicates an increase in the functional activity of the hypophysis-adrenal cortex system. The data obtained indicate the positive role which the neuro-endocrine influences plays in the mechanisms of the pharmacological protection of the organism from radiation affections.

Orig. art. has: 2 tables.

ASSOCIATION: Otdel farmakologii Instituta eksperimental'noy meditsiny, Leningrad (Pharmacology Department, Institute of Experimental Medicine); Laboratoriya radiobiologii Instituta eksperimental'noy meditsiny, Leningrad (Radiobiology Laboratory, Institute of Experimental Medicine)

SUBMITTED: 29Jan64 ENCL: 000 SUB CODE: LS

NR REF SOV: 005 OTHER: 004 JPRS

Card 2/2

STASHKOV, A.M.

State of work capacity in animals following irradiation, adrenalectomy and use of radiation-protective substances. Farm.i toks. 29 no.3:347-350 My-Je '65. (MIRA 18:8)

1. Otdel radiobiologii (zav. - prof. S.Ya.Arkuzov) Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad.

ACCESSION NR: AP4043218 S/0205/64/004/004/0594/0598

AUTHOR: Korotkova, V. P.; Stashkov, A. M.

TITLE: Role of the adrenals in reactions to radiation with the use of radioprotective chemicals

SOURCE: Radiobiologiya, v. 4, no. 4, 1964, 594-598

TOPIC TAGS: radiation protection, adrenal gland, immunology, mouse, rat, adrenalectomy, endocrinology, mercamine, antifein

ABSTRACT: The role of the adrenal glands in radiation sickness has been demonstrated by many authors. However, few studies have been undertaken to determine the mechanism of the adrenals associated with chemical prophylaxis against radiation sickness. To investigate this, mice (18—22 g) and rats (180—200 g) were lightly anesthetized, and both adrenals were removed through the lumbar region. Mice were exposed to 700—800-r whole body radiation while rats received 600—800 r from the 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 13th, and 30th day following adrenalectomy. Mercamine was intraperitoneally administered to both experimental and control animals 30 min prior

Card 1/2